

Commonwealth of Kentucky
Division for Air Quality

TITLE V PERMIT APPLICATION SUMMARY

Completed by: Sreenivas Kesaraju

General Information

Name: WEYERHAEUSER COMPANY
Address: 1500 Commonwealth Drive
Henderson, Kentucky 42420
County: Henderson
Date application received: January 24, 2000
SIC/Source description: 2631
AFS (9-digit) or CDS (10-digit) Plant ID: 21-101-00117
EIS #: 21-101-00117
Application log number: G529 (51310)
Permit number: F-01-001

Application Type/Permit Activity

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input type="checkbox"/> PSD
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating
	<input checked="" type="checkbox"/> Operating

Compliance Summary

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

Applicable Requirements list

<input type="checkbox"/> NSR	<input checked="" type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP	<input type="checkbox"/> Other
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> State-Origin	

Miscellaneous

☐ Acid rain source
☐ Source subject to 112(r)
☒ Source applied for federally enforceable emissions cap
☐ Source provided terms for alternative operating scenarios
☐ Source subject to a MACT standard
☐ Source requested case-by-case 112(g) or (j) determination
☐ Application proposes new control technology
☒ Certified by responsible official
☐ Diagrams or drawings included
☐ Confidential business information (CBI) submitted in application
☐ Pollution Prevention Measures
☐ Area is non-attainment (list pollutants):

Emissions

Pollutant		Actual (tpy)	Potential (tpy)
Criteria Pollutants			
SO ₂		0	0
NO _x		96.36	96.36
CO		79.4	79.4
VOC		25.55	25.55
PM ₁₀		5.4	5.4
Single HAPs	Acrylic Acid	2.2	2.2
	Naphthalene	0.015	0.015
Total HAPS		2.215	2.215

Source Process Description:

Weyerhaeuser Company operates a recycle mini-mill in Henderson, Kentucky. The mini-mill will recycle old corrugated container and produce liner board. The liner board will be sold or reused to construct new corrugated containers.

Weyerhaeuser Company has applied for a permit renewal. Weyerhaeuser Company (WC) was previously Macmillan Bloedel Packaging Inc. A federally enforceable permit (F-94-013) was issued on December 29, 1994, to authorize construction of the plant. The permit limited the emissions of sulfur dioxide, particulate and nitrogen oxide to be below 83.22 TPY, thus making it a conditional major source with respect to above pollutants. The maximum quantity of heat input into the boiler was limited to 190 MM Btu/hr. The permit also had the condition to solely fire the boiler with natural gas. The company assumed these permit conditions to preclude the applicability of Title V of the Clean Air Act. The plant started operation in December of 1995. A significant revision to the permit F-94-013 was issued on October 27, 1997 for increased daily design capacity of the paper from 400 machine dry tons per day to 458 machine dry tons per day and the increased boiler heat input capacity from 190 MM BTU per hour to 220 MM BTU per hour. Also, a secondary fuel (Propane/Air) was added to fire the boiler for 10% of the time. The Division for Air Quality (DAQ) has concluded that the proposed changes were significant and the permit revision, F-94-013 (Revision 1) was issued according to 401 KAR 50:035, Section 16, Significant Permit Revisions. This source would still be classified as major (based on uncontrolled emission potential and allowable emission rates), except for the inclusion of federally enforceable conditions in the draft permit. The plant is classified as a conditional major source with respect to NO_x emissions.

Emission Caps description:

The source wide emissions of Nitrogen Oxide (NO_x) are limited to 96.36 TPY to stay below the major source threshold of 100 TPY.